

I claim:

1. An equatorial tracking platform for a telescope, operable at a plurality of latitudes, said platform comprising:

an essentially planar telescope platform, said platform having a top and bottom side, a platform base being situated below said platform top;
said platform base having a plurality of adjustable engagement angle rolling bearing elements;
said top platform element having attached to its underside a contoured rear bearing block having fabricated into its surfaces varying radii segments;
said top platform also having a fixed front bearing surface of fixed radius and adjustable angle;
said front bearing and rear bearing surface contacting said rolling body elements.
2. An equatorial tracking platform for a telescope, operable at a plurality of latitudes by means of adjusting the angles of it's rolling surfaces and contact rollers.
3. An equatorial tracking platform for a telescope of claim 1, having motors fitted to one or more of its rolling bearing elements.
4. An equatorial tracking platform for a telescope, operable at a plurality of latitudes, said platform comprising:

an essentially planar telescope platform, said platform having a top and bottom side, a platform base being situated below said platform top;
said platform base having a plurality of adjustable engagement angle rolling bearing elements;

said top platform element having attached to its underside a contoured rear bearing block having fabricated into its surfaces varying radii segments; said top platform also having a front bearing surface of having fabricated into its surfaces varying radii segments.

said front bearing and rear bearing surface contacting said rolling body elements.

5. An equatorial tracking platform for a telescope of claim 4, having motors fitted to one or more of its rolling bearing elements.

6. An equatorial tracking platform for a telescope, operable at a plurality of latitudes, said platform comprising:

an essentially planar telescope platform, said platform having a top and bottom side, a platform base being situated below said platform top;

said platform base having a plurality of adjustable engagement angle rolling bearing elements;

said top platform element having attached to it's underside a contoured rear bearing block having fabricated into its surfaces varying radii segments;

said top platform also having a front bearing surface of having fabricated into its surfaces fixed radii segments.

said front bearing and rear bearing surface contacting said rolling body elements.

7. An equatorial tracking Platform for a telescope of claim 6, having motors fitted to one or more of to rolling bearing elements